

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (06-09)

Approved for use through 06/30/2009. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |                        |            |            |
|--|------------------------|------------|------------|
| <b>SUPPLEMENTAL<br/>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>( Not for submission under 37 CFR 1.99) | Application Number     |            | 10791314   |
|  | Filing Date            |            | 2004-03-01 |
|  | First Named Inventor   | Mantravadi |            |
|  | Art Unit               | 2611       |            |
|  | Examiner Name          | LEE, SIU M |            |
|  | Attorney Docket Number | 030213     |            |

| U.S.PATENTS       |         |               |           |            |   |  |
|-------------------|---------|---------------|-----------|------------|---|--|
| Examiner Initial* | Cite No | Patent Number | Kind Code | Issue Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|                   | 1       | 6731688       |           | 2004-05-04 | Ketchum   |  |
|                   | 2       | 6785341       |           | 2004-08-31 | Walton, et al.                                  |  |
|                   | 3       | 6873606       |           | 2005-03-29 | Agrawal, et al.                                 |  |
|                   | 4       | 7095709       |           | 2006-08-22 | Walton, et al.                                  |  |
|                   | 5       | 7154936       |           | 2006-12-26 | Bjerke, et al.                                  |  |

If you wish to add additional U.S. Patent citation information please click the Add button.

| U.S.PATENT APPLICATION PUBLICATIONS |         |                    |           |                  |   |  |
|-------------------------------------|---------|--------------------|-----------|------------------|---|--|
| Examiner Initial*                   | Cite No | Publication Number | Kind Code | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear |
|                                     | 1       | 20040082356        |           | 2004-04-29       | Walton, et al.                                  |  |

If you wish to add additional U.S. Published Application citation information please click the Add button.

| FOREIGN PATENT DOCUMENTS |  |  |  |  |  |  |
|--------------------------|--|--|--|--|--|--|
|--------------------------|--|--|--|--|--|--|

**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

|                        |            |
|------------------------|------------|
| Application Number     | 10791314   |
| Filing Date            | 2004-03-01 |
| First Named Inventor   | Mantravadi |
| Art Unit               | 2611       |
| Examiner Name          | LEE, SIU M |
| Attorney Docket Number | 030213     |

| Examiner Initial* | Cite No | Foreign Document Number <sup>3</sup> | Country Code <sup>21</sup> | Kind Code <sup>4</sup> | Publication Date | Name of Patentee or Applicant of cited Document | Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear | T <sup>5</sup>           |
|-------------------|---------|--------------------------------------|----------------------------|------------------------|------------------|---|--|--------------------------|
|                   | 1       | 1207645                              | EP                         |                        | 2002-05-22       | Lucent Technologies Inc.                        |  | <input type="checkbox"/> |
|                   | 2       | 2002-344965                          | JP                         |                        | 2002-11-29       | SONY Corp.                                      |  | <input type="checkbox"/> |
|                   | 3       | 2003-023381                          | JP                         |                        | 2003-01-24       | Keio Gijuku                                     |  | <input type="checkbox"/> |
|                   | 4       | 02082689                             | WO                         |                        | 2002-10-17       | Motorola  |  | <input type="checkbox"/> |

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>5</sup>           |
|--------------------|---------|---|--------------------------|
|                    | 1       | ALAMOUTI, "A simple transmit diversity technique for wireless communications," IEEE Journal on Selected Areas in Communications, Vol. 16, No. 8, October 1998, pp. 1451-1458.   | <input type="checkbox"/> |

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.